

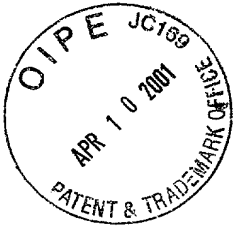
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GAU 3711

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN RE APPLICATION OF : Sullivan  
FOR : **IMPROVED MULTI-LAYER  
GOLF BALL**  
SERIAL NO. : 08/870,585  
FILED : June 6, 1997  
ART UNIT : 3711  
EXAMINER : M. Graham  
LAST OFFICE ACTION : September 28, 2000  
ATTORNEY DOCKET NO. : P-3724-2-F1  
(SLD 2 0035-3-3-1)

Cleveland, Ohio 44114-2518

Date: 4/10/2001

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington D. C. 20231

Dear Sir:

Please amend the above-captioned application as follows:

**CERTIFICATE OF EXPRESS MAIL**

I hereby certify that this **PRELIMINARY AMENDMENT** is being deposited with the United States Postal Service by Express Mail Procedure in an envelope addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on April 10, 2001.  
Express Mailing Label No. EL545793944US.

Christina R. Correll  
Christina R. Correll

**IN THE SPECIFICATION:**

Please replace the paragraph starting on page 1, line 1 with the following rewritten paragraph:

—This application is a continuation of U.S. Application Serial No. 08/870,585, filed on June 6, 1997, which is a file wrapper continuing application of U.S. Application Serial No. 08/556,237, filed November 9, 1995, which is a continuation-in-part of U.S. Application Serial No. 08/542,793 filed on October 13, 1995, which is in turn a continuation-in-part of U.S. Application Serial No. 08/070,510 filed on June 1, 1993.—

**IN THE CLAIMS:**

Please amend the present claims as follows:

2. (Amended) A golf ball according to claim 1, wherein the inner cover layer has a thickness of about 0.100 to about 0.010 inches and the outer cover layer has a thickness of about 0.010 to about 0.070 inches, the golf ball having the properties required by the U.S.G.A. and having an overall diameter of 1.680 inches or more.

3. (Amended) A golf ball according to claim 1 wherein the inner cover layer has a thickness of about 0.050 inches and the outer cover layer has a thickness of about 0.055 inches, the golf ball having the properties required by the U.S.G.A. and having an overall diameter of 1.680 inches or more.

6. (Amended) A multi-layer golf ball comprising:  
a spherical core;  
an inner cover layer molded over said spherical core to form a spherical intermediate ball, said inner cover layer comprising an ionomeric resin having no more than 16% by weight of an alpha, beta-unsaturated carboxylic acid and having a modulus of from about 15,000 to about 70,000 psi;

an outer cover layer molded over said spherical intermediate ball to form a multi-layer golf ball, the outer layer comprising a non-ionomeric elastomer selected from the group consisting of polyester elastomer, polyester, polyether polyurethane and polyester amide, said outer cover layer having a modulus in a range of about 1,000 to about 30,000 psi.

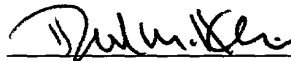
11. A multi-layer golf ball comprising a spherical intermediate ball and an outer cover layer molded over said spherical intermediate ball to form a multi-layer golf ball, the outer layer comprising a non-ionomeric elastomer selected from the group consisting of polyester elastomer, polyester, polyether polyurethane and polyester amide, said outer cover layer having a modulus in a range of about 1,000 to about 30,000 psi.

**REMARKS**

Applicants respectfully request that the present amendments be entered. It is believed that the present amendments place the application in condition for allowance.

Respectfully Submitted,

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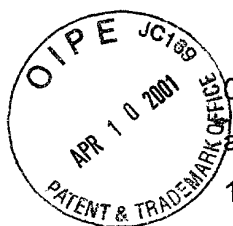
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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE SPECIFICATION:**

The paragraph starting on page 1, line 1 has been replaced with the following paragraph:



--This application is a continuation of U.S. Application Serial No. 08/870,585, filed on June 6, 1997, which is a file wrapper continuing application of U.S. Application Serial No. 08/556,237, filed November 9, 1995, which is a continuation-in-part of U.S. Application Serial No. 08/542,793 filed on October 13, 1995, which is in turn a continuation-in-part of U.S. Application Serial No. 08/070,510 filed on June 1, 1993.--

**IN THE CLAIMS:**

The present claims have been amended as follows:

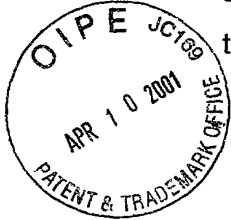
2. (Amended) A golf ball according to claim 1, wherein the inner cover layer has a thickness of about 0.100 to about 0.010 inches and the outer cover layer has a thickness of about 0.010 to about [0.70] 0.070 inches, the golf ball having the properties required by the U.S.G.A. and having an overall diameter of 1.680 inches or more.

3. (Amended) A golf ball according to claim 1 wherein the inner cover layer has a thickness of about 0.050 inches and the outer cover layer has a thickness of about 0.055 inches, the golf ball having the properties required by the U.S.G.A. and having an overall diameter of 1.680 inches or more.

[8.] 6. (Amended) A multi-layer golf ball comprising:  
a spherical core;

an inner cover layer molded over said spherical core to form a spherical intermediate ball, said inner cover layer comprising an ionomeric resin having no more than 16% by weight of an alpha, beta-unsaturated carboxylic acid and having a modulus of from about 15,000 to about 70,000 psi;

an outer cover layer molded over said spherical intermediate ball to form a multi-layer golf ball, the outer layer comprising a non-ionomeric elastomer selected from the group consisting of polyester elastomer, polyester, polyether polyurethane and polyester amide, said outer cover layer having a modulus in a range of about 1,000 to about 30,000 psi.



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